Applicants : John M. Amaral, et al.
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Page : 2 of 16

Attorney's Docket No.: 18515-002001

AMENDMENT TO THE SPECIFICATION:

Please amend the paragraph on page 11, line 17 to page 12, line 8, as follows:

In rate scheduling logic 28d, the intended bit transfer rate of a transport stream under consideration is determined by dividing the number of bits transmitted between any two PCR packets by the time difference indicated by those PCR packets. In this embodiment, the play-out rate is expressed as

$$[\#bits * \#packets]/[TPCR_{P1} - TPCR_{P0}]. \qquad (1)$$

In equation (1), "#bits" is the number of bits in an MPEG transport stream, "#packets" is the number of packets between, and including, PCR packets P0 or ~~and~~ P1 (e.g., P0 + D4 + D5 + D6 + D7 ~~+ P1~~), and $TPCR_{P1}$ and $TPCR_{P0}$ are time-stamps in PCR packets P1 and P0, respectively.